Serial No. 10/573,811 Amendment Dated: January 14, 2010 Reply to Office Action Mailed: October 14, 2009 Attorney Docket No. 038819.57500US

Amendments to the Specification:

Page 3, amend the sixth full paragraph (lines 21-22) as follows:

Preferably, a correlation period of a CDMA component of the beacon signal is controlled by an FFT <u>a fast Fourier transform</u> controller.